

1.6

The Coordinate Plane

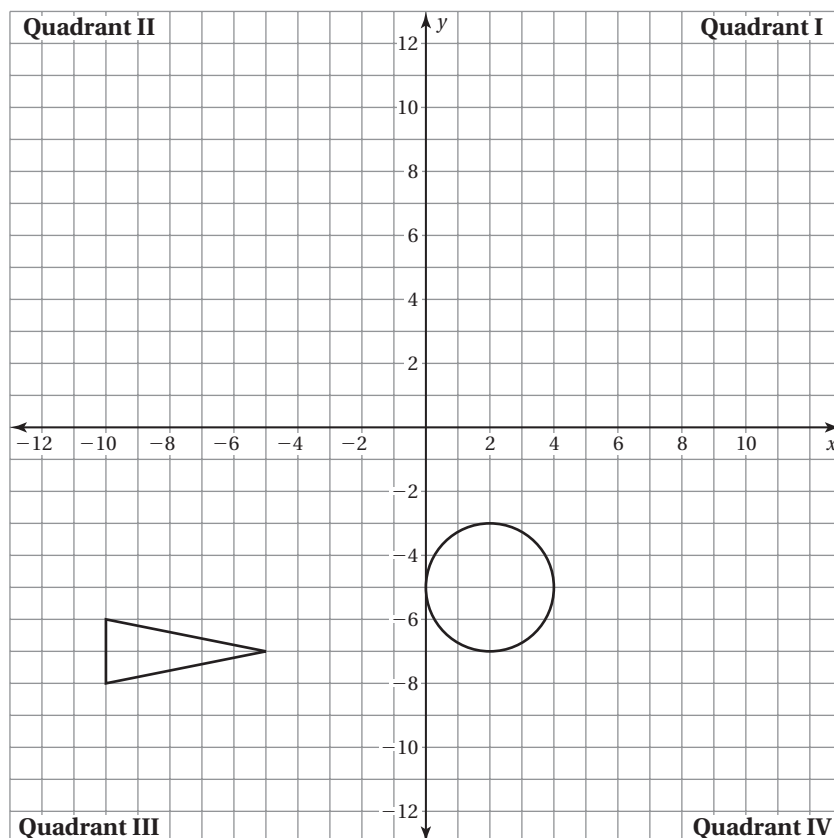
For use with Activity 1.6

Essential Question How can you use ordered pairs to locate points in a coordinate plane?

1 EXAMPLE: Plotting Points in a Coordinate Plane

Plot the ordered pairs. Connect the points to make a picture. Color the picture when you are done.

- | | | | | |
|-------------|--------------|-------------|-------------|-------------|
| 1(4, 12) | 2(9, 9) | 3(12, 4) | 4(12, -3) | 5(10, -9) |
| 6(9, -10) | 7(7, -9) | 8(2, -11) | 9(-1, -11) | 10(-3, -10) |
| 11(-4, -8) | 12(-11, -10) | 13(-12, -9) | 14(-11, -8) | 15(-11, -6) |
| 16(-12, -5) | 17(-11, -4) | 18(-4, -6) | 19(-3, -3) | 20(-4, 0) |
| 21(-8, 2) | 22(-8, 3) | 23(-5, 8) | 24(-1, 11) | |



1.6 The Coordinate Plane (continued)**2 ACTIVITY:** Plotting Points in a Coordinate Plane

Work with a partner.

Plot the ordered pairs. Connect the points to make a picture. Describe and color the picture when you are done.

1(6, 9)	2(4, 11)	3(2, 12)	4(0, 11)	5(-2, 9)
6(-6, 2)	7(-9, 1)	8(-11, -3)	9(-7, 0)	10(-5, -1)
11(-5, -5)	12(-4, -8)	13(-6, -10)	14(-3, -9)	15(-3, -10)
16(-4, -11)	17(-4, -12)	18(-3, -11)	19(-2, -12)	20(-2, -11)
21(-1, -12)	22(-1, -11)	23(-2, -10)	24(-2, -9)	25(1, -9)
26(2, -8)	27(2, -10)	28(1, -11)	29(1, -12)	30(2, -11)
31(3, -12)	32(3, -11)	33(4, -12)	34(4, -11)	35(3, -10)
36(3, -8)	37(4, -6)	38(6, 0)	39(9, -3)	40(9, -1)
41(8, 1)	42(5, 3)	43(3, 6)	44(3, 7)	45(4, 8)

